# DISCIPLINE: Network & Communications Protection
## Discipline Roadmap for: Desktop Firewalls

**DOMAIN: SECURITY**

| Current | 2 Years | 5 Years |
|---|---|---|
| **Baseline Environment** | **Tactical Deployment** | **Strategic Direction** |

**Baseline Environment**

Zone Alarm (Checkpoint) →
McAfee →
Symantec →
MS Firewall →
BlackIce

**Strategic Direction**

Those that contain integrated anti-virus with centralized management.

Enhanced centralized management continuingly evolving.

| Shared | Agency |
|---|---|
| | ✓ |

**Retirement Targets**

**Mainstream Platforms**

Zone Alarm, McAfee, Symantec

**Containment Targets**

BlackIce ←

**Emerging Platforms**
– Desktop IPS in tandem w/Desktop Firewalls or as an IDS replacement or supplement.
– MS Firewall

**Implications and Dependencies**

**Roadmap Notes**

– The committee plans to review this discipline yearly during August.

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- **Discipline Boundaries:**
  - While separate disciplines, desktop firewalls and perimeter firewalls are not mutually exclusive of one another. The best implementation strategy would be a layered approach with a strong perimeter defense supplemented by a strong desktop defense. In many instances, you would model the firewall strategy after the evolution of the anti-virus strategy with at least a clear two tier approach. In some cases, additional firewalls or IPS implementations would be necessary to protect extremely sensitive data from both internal and external threats and to provide a third tier. Each implementation is situational with at least a deep packet inspection (DPI) perimeter solution.

- **Discipline Standards:**

- **Migration Considerations:**

- **Exception Considerations:**

- **Miscellaneous Notes:**

- **Established Date**
  - April 28, 2004

- **Date Last Updated:**
  - August 23, 2006

- **Next Review Date:**
  - August 2007